

541075

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
12 May 2005 (12.05.2005)

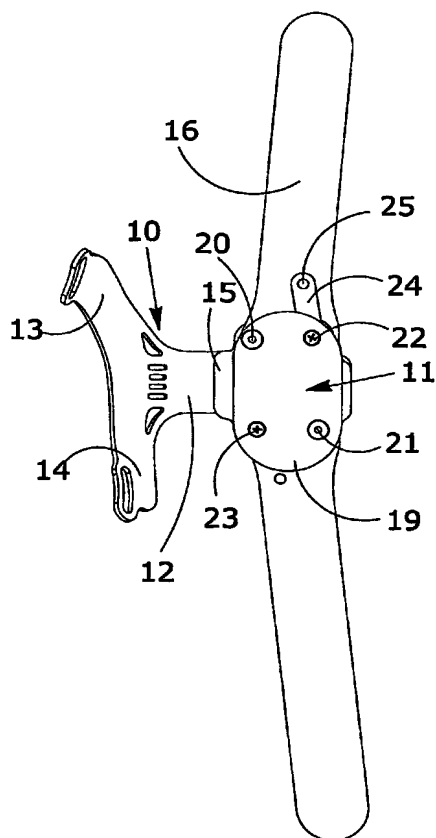
PCT

(10) International Publication Number  
**WO 2005/041826 A1**

- (51) International Patent Classification<sup>7</sup>: **A61F 5/01** (74) Agent: SANDRI, Sandro; Europatent-Euromark Srl, Via Locatelli, 20, I-37062 Verona (IT).
- (21) International Application Number: PCT/IT2004/000580 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 22 October 2004 (22.10.2004)
- (25) Filing Language: Italian
- (26) Publication Language: English
- (30) Priority Data:  
VR2003A000128 31 October 2003 (31.10.2003) IT
- (71) Applicant (for all designated States except US): FGP SRL [IT/IT]; Via Staffali, 16/B, I-37062 Dossobuono (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TURRINI, Alberto [IT/IT]; Via A. Vivaldi, 1, I-37060 Castel d'Azzano (IT). FERRIGOLO, Moreno [IT/IT]; Via Alessandri, 2a, I-37062 Dossobuono (IT).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: ARTICULATED JOINT FOR KNEE BRACE



(57) Abstract: An articulated joint (11) for a knee brace to control femoral-patellar instability comprises a central support bracket (10) designed to be fixed to the patella area in order to carry out angular movements dynamically following the two reciprocally articulated sectors it connects, comprising a pair of plates (18, 19) which enclose the ends of the uprights (16, 17). The second plate (19) is thicker than the first and comprises a second housing which passes transversally through the plate and is designed to accommodate the sliding cursor support (15) of the patellar bracket (10). The movements of the patellar bracket (10) are imparted by a specially shaped lever (24).

WO 2005/041826 A1